

Tabulation of Bids

Awarded to: Musson Brothers, Inc. 909 Boyce Drive Rhineland, WI 54504	Date Awarded: 05/12/04	Amount Awarded (includes Base Bid plus Alternate 1) \$799,440.86
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Project Manager:		David Johnson	Consultant:	Becher-Hoppe
State of Wisconsin	Airport:	Langlade County Airport	Bid Date:	5/6/2004
Department of Transportation	Project:	A04B 3-55-0001-05	Bid Time:	2:00 p.m.
Bureau of Aeronautics	Bid for:	Base Bid & Alternate 1	DBE Goals:	6.74%

DESCRIPTION: Reconstruct North 1,200 ft of Rwy 16/34; construct parallel & connecting Taxiways for Runway 16/34			Musson Bros., Inc. 909 Boyce Drive Rhineland, WI 54504		Duffek Sand & Gravel, Inc. 908 Hickory Street Antigo, WI 54409		Reliance, Inc. P.O. Box 5186 DePere, WI 54115-5186	
Bid Item Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total
P15203 COMMON EXCAVATION	12,024	CY	\$2.86	\$34,388.64	\$1.71	\$20,561.04	\$2.98	\$35,831.52
X15206 BORROW EXCAVATION, OFF-SITE	24,000	CY	\$4.03	\$96,720.00	\$4.38	\$105,120.00	\$4.50	\$108,000.00
P15602 EROSION MAT, DELIVERED, CLASS 1, TYPE A	350	SY	\$1.00	\$350.00	\$1.25	\$437.50	\$1.00	\$350.00
P15603 EROSION MAT, INSTALLED, CLASS 1, TYPE A	350	SY	\$1.00	\$350.00	\$1.25	\$437.50	\$1.00	\$350.00
P15630 EROSION BALES, DELIIVERED	24	EA	\$4.00	\$96.00	\$6.00	\$144.00	\$4.00	\$96.00
P15631 EROSION BALES, INSTALLED	24	EA	\$4.00	\$96.00	\$6.00	\$144.00	\$4.00	\$96.00
P15633 SILT FENCE, SANDY SOIL, DELIVERED	2,500	LF	\$0.90	\$2,250.00	\$1.20	\$3,000.00	\$0.90	\$2,250.00
P15635 SILT FENCE, SANDY SOIL, INSTALLED	2,500	LF	\$0.85	\$2,125.00	\$1.20	\$3,000.00	\$0.85	\$2,125.00

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P15636 SILT FENCE, MAINTAINED	2,500	LF	\$0.05	\$125.00	\$0.10	\$250.00	\$0.05	\$125.00
P15639 EROSION CONTROL MOBILIZATIONS	1	EA	\$200.00	\$200.00	\$300.00	\$300.00	\$200.00	\$200.00
P15640 EMERGENCY EROSION CONTROL MOBILIZATIONS	3	EA	\$200.00	\$600.00	\$350.00	\$1,050.00	\$200.00	\$600.00
X15641 CULVERT PIPE DITCH CHECKS	6	EA	\$50.00	\$300.00	\$85.00	\$510.00	\$50.00	\$300.00
X15642 TEMPORARY CULVERT DIVERSION	1	LS	\$3,244.00	\$3,244.00	\$2,955.00	\$2,955.00	\$3,000.00	\$3,000.00
P15831 REMOVING CULVERT 30 TO 42 INCH DIAMETER	288	LF	\$11.76	\$3,386.88	\$5.10	\$1,468.80	\$6.00	\$1,728.00
X15897 ABANDON TIEDOWNS	3	EA	\$100.00	\$300.00	\$125.00	\$375.00	\$300.00	\$900.00
P15901 SITE FINISHING	1	LS	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00
P20804 AGGREGATE BASE COURSE, GRADATION NO. 2	9,300	TON	\$5.63	\$52,359.00	\$4.98	\$46,314.00	\$5.78	\$53,754.00
X20807 PULVERIZE AND RELAY RECYCLED PAVEMENT BASE COURSE	11,900	SY	\$0.94	\$11,186.00	\$0.67	\$7,973.00	\$1.10	\$13,090.00
X20808 PLACING AND GRADING RECYCLED PAVEMENT BASE COURSE	3,600	SY	\$0.75	\$2,700.00	\$1.53	\$5,508.00	\$0.60	\$2,160.00
X40106A BITUMINOUS SURFACE COURSE, TYPE E-3, 3/4" AGGREGATE	2,630	TON	\$27.20	\$71,536.00	\$27.20	\$71,536.00	\$27.20	\$71,536.00
X40106B BITUMINOUS SURFACE COURSE, TYPE E-3, 1/2" AGGREGATE	2,045	TON	\$27.20	\$55,624.00	\$27.20	\$55,624.00	\$27.20	\$55,624.00
X40109A BITUMINOUS MATERIAL, PG 58-28	158	TON	\$185.00	\$29,230.00	\$185.00	\$29,230.00	\$185.00	\$29,230.00

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X40109B BITUMINOUS MATERIAL, PG 64-28	123	TON	\$265.00	\$32,595.00	\$265.00	\$32,595.00	\$265.00	\$32,595.00
P62001 PAINTING, WHITE, WATERBORNE, TYPE 1	1,960	SF	\$0.70	\$1,372.00	\$0.55	\$1,078.00	\$0.55	\$1,078.00
P62009 PAINTING, YELLOW, WATERBORNE, TYPE 1	2,285	SF	\$0.70	\$1,599.50	\$0.55	\$1,256.75	\$0.55	\$1,256.75
P62041 REFLECTIVE MEDIA, TYPE 1, GRADATION A	493	LB	\$0.35	\$172.55	\$0.40	\$197.20	\$0.40	\$197.20
P63001 SAW CUTTING BITUMINOUS PAVEMENTS	725	LF	\$2.00	\$1,450.00	\$2.75	\$1,993.75	\$1.50	\$1,087.50
P63201 FIELD OFFICE, TYPE A	1	LS	\$5,000.00	\$5,000.00	\$1,900.00	\$1,900.00	\$2,500.00	\$2,500.00
P63401 TRAFFIC CONTROL	1	LS	\$6,100.00	\$6,100.00	\$13,300.00	\$13,300.00	\$11,200.00	\$11,200.00
P63505 GEOTEXTILE FABRIC, TYPE R	60	SY	\$3.00	\$180.00	\$2.25	\$135.00	\$3.00	\$180.00
P63801 RIPRAP	18	CY	\$45.00	\$810.00	\$40.00	\$720.00	\$35.00	\$630.00
P64001 MOBILIZATION	1	LS	\$25,500.00	\$25,500.00	\$48,500.00	\$48,500.00	\$40,000.00	\$40,000.00
P64201 MAINTENANCE AND REPAIR OF HAUL ROADS	1	LS	\$1.00	\$1.00	\$500.00	\$500.00	\$1.00	\$1.00
P64202 MAINTENANCE AND REPAIR OF AIRPORT HAUL ROADS	1	LS	\$1.00	\$1.00	\$2,500.00	\$2,500.00	\$1.00	\$1.00
P64601 BITUMINOUS PAVEMENT JOINTS	3,200	LF	\$2.00	\$6,400.00	\$1.60	\$5,120.00	\$1.50	\$4,800.00
D70147 CULVERT PIPE, 15 INCH, RC, CLASS V	80	LF	\$27.05	\$2,164.00	\$31.26	\$2,500.80	\$29.00	\$2,320.00

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Bid Item Description		Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total
D70134	CULVERT PIPE, 24 INCH, RC, CLASS IV	104	LF	\$38.35	\$3,988.40	\$39.73	\$4,131.92	\$43.00	\$4,472.00
D70138	CULVERT PIPE, 30 INCH, RC, CLASS IV	544	LF	\$50.80	\$27,635.20	\$46.72	\$25,415.68	\$54.00	\$29,376.00
D70163	APRON ENDWALLS, 15 INCH, RC, CLASS V	2	EA	\$553.65	\$1,107.30	\$400.40	\$800.80	\$375.00	\$750.00
D70169	APRON ENDWALLS, 24 INCH, RC, CLASS IV	2	EA	\$724.97	\$1,449.94	\$521.73	\$1,043.46	\$525.00	\$1,050.00
X701100	APRON ENDWALLS, POURED CONCRETE	1	LS	\$6,000.00	\$6,000.00	\$10,500.00	\$10,500.00	\$6,000.00	\$6,000.00
T90101	SEEDING, MIXTURE NO. 10	1,360	LB	\$3.90	\$5,304.00	\$4.60	\$6,256.00	\$3.90	\$5,304.00
T90202	FERTILIZER, TYPE B	32	CWT	\$27.00	\$864.00	\$50.00	\$1,600.00	\$27.00	\$864.00
T90203	AGRICULTURE LIMESTONE TREATMENT	23	TON	\$30.00	\$690.00	\$180.00	\$4,140.00	\$30.00	\$690.00
T90503	SALVAGED TOPSOIL	50,150	SY	\$0.45	\$22,567.50	\$0.42	\$21,063.00	\$0.50	\$25,075.00
T90801	MULCHING	50,150	SY	\$0.18	\$9,027.00	\$0.10	\$5,015.00	\$0.18	\$9,027.00
X10731	RELOCATE WIND CONE	1	LS	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00
X10732	RELOCATE WIND TEE	1	LS	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00
L10801	LOCATE AND PROTECT EXISTING CIRCUITS	1	LS	\$850.00	\$850.00	\$1,300.00	\$1,300.00	\$850.00	\$850.00
L10810	TRENCH OR PLOW	15,185	LF	\$0.37	\$5,618.45	\$0.37	\$5,618.45	\$0.37	\$5,618.45

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L10811 COUNTERPOISE PLOW	9,250	LF	\$0.18	\$1,665.00	\$0.18	\$1,665.00	\$0.18	\$1,665.00
L10812 5000 VOLT CABLE NO. 8	16,285	LF	\$0.49	\$7,979.65	\$0.49	\$7,979.65	\$0.49	\$7,979.65
L10817 BARE COUNTERPOISE WIRE, NO. 6	9,250	LF	\$0.41	\$3,792.50	\$0.41	\$3,792.50	\$0.41	\$3,792.50
L10819 COUNTERPOISE GROUND ROD	54	EA	\$47.00	\$2,538.00	\$47.00	\$2,538.00	\$47.00	\$2,538.00
L10820 CABLE MARKERS	10	EA	\$51.00	\$510.00	\$51.00	\$510.00	\$51.00	\$510.00
L10821 TURF RESTORATION	1,675	LF	\$2.65	\$4,438.75	\$0.90	\$1,507.50	\$2.65	\$4,438.75
L11003 ELECTRICAL DUCT, TYPE 1, 3 INCH, 3-WAY	310	LF	\$16.00	\$4,960.00	\$16.00	\$4,960.00	\$16.00	\$4,960.00
L11025 DUCT MARKER	14	EA	\$51.00	\$714.00	\$51.00	\$714.00	\$51.00	\$714.00
L12506 MIRL, L-861, STAKE MOUNTED	12	EA	\$335.00	\$4,020.00	\$335.00	\$4,020.00	\$335.00	\$4,020.00
L12507 MIRL, L-861, BASE MOUNTED	4	EA	\$530.00	\$2,120.00	\$530.00	\$2,120.00	\$530.00	\$2,120.00
L12508 MITL, L-861E, STAKE MOUNTED	6	EA	\$330.00	\$1,980.00	\$330.00	\$1,980.00	\$330.00	\$1,980.00
L12509 MITL, L-861E, BASE MOUNTED	1	EA	\$523.00	\$523.00	\$523.00	\$523.00	\$523.00	\$523.00
L12510 MITL, L-861T, STAKE MOUNTED	68	EA	\$304.00	\$20,672.00	\$304.00	\$20,672.00	\$304.00	\$20,672.00
L12511 MITL, L-861T, BASE MOUNTED	12	EA	\$518.00	\$6,216.00	\$518.00	\$6,216.00	\$518.00	\$6,216.00

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Bid Item Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total
L12515 REMOVE RUNWAY OR TAXIWAY STAKE MOUNTED LIGHT	64	EA	\$25.00	\$1,600.00	\$25.00	\$1,600.00	\$25.00	\$1,600.00
L12516 REMOVE RUNWAY OR TAXIWAY BASE MOUNTED LIGHT	11	EA	\$50.00	\$550.00	\$50.00	\$550.00	\$50.00	\$550.00
L12517 GUIDANCE SIGN, 1-MODULE	1	EA	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
L12518 GUIDANCE SIGN, 2-MODULE	2	EA	\$3,575.00	\$7,150.00	\$3,575.00	\$7,150.00	\$3,575.00	\$7,150.00
L12533 REILS CONSTANT CURRENT L-849,STYLE C	1	EA	\$8,635.00	\$8,635.00	\$8,635.00	\$8,635.00	\$8,635.00	\$8,635.00
X12506 MIRL, L-861, STAKE MOUNTED, EXISTING GROUNDING	16	EA	\$300.00	\$4,800.00	\$300.00	\$4,800.00	\$300.00	\$4,800.00
X12507 MIRL, L-861, BASE MOUNTED, EXISTING BASE	6	EA	\$250.00	\$1,500.00	\$250.00	\$1,500.00	\$250.00	\$1,500.00
X12508 MITL, LL-861E, STAKE MOUNTED, EXISTING GROUNDING	7	EA	\$270.00	\$1,890.00	\$270.00	\$1,890.00	\$270.00	\$1,890.00
X12509 MITL, L-861E, BASE MOUNTED, EXISTING BASE	1	EA	\$230.00	\$230.00	\$230.00	\$230.00	\$230.00	\$230.00
X12560 REMOVE AND SALVAGE REIL	1	LS	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00
X12561 RELOCATE AND ADJUST PAPI	1	LS	\$1,750.00	\$1,750.00	\$1,750.00	\$1,750.00	\$1,750.00	\$1,750.00
X12562 ELECTRICAL VAULT WORK	1	LS	\$6,600.00	\$6,600.00	\$6,600.00	\$6,600.00	\$6,600.00	\$6,600.00
X12563 SPARE LIGHTING PARTS	1	LS	\$1,400.00	\$1,400.00	\$1,400.00	\$1,400.00	\$1,400.00	\$1,400.00
X12564 RELOCATE REILS	1	LS	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00

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Bid Item Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total
TOTAL BASE BID				\$642,197.26		\$658,771.30		\$675,352.32
ALTERNATE #1								
X20807 PULVERSIDE AND RELAY RECYCLED PAVEMENT BASE COURSE	12,900	SY	\$0.94	\$12,126.00	\$0.69	\$8,901.00	\$1.10	\$14,190.00
X20808(1) PLACING AND GRADING RECYCLED PAVEMENT BASE COURSE	12,900	SY	\$0.75	\$9,675.00	\$0.69	\$8,901.00	\$0.40	\$5,160.00
X40106A(1) BITUMINOUS SURFACE COURSE, TYPE E-3, 3/4"	1,670	TON	\$27.20	\$45,424.00	\$27.20	\$45,424.00	\$27.20	\$45,424.00
X40106B(1) AGGREGATE BITUMINOUS SURFACE COURSE, TYPE E-3, 1/2"	1,300	TON	\$27.20	\$35,360.00	\$27.20	\$35,360.00	\$27.20	\$35,360.00
X40109A(1) BITUMINOUS MATERIAL, PG 58-28	100	TON	\$185.00	\$18,500.00	\$185.00	\$18,500.00	\$185.00	\$18,500.00
X40109B(1) BITUMINOUS MATERIAL, PG 64-28	78	TON	\$265.00	\$20,670.00	\$265.00	\$20,670.00	\$265.00	\$20,670.00
P62001(1) PAINTING, WHITE, WATERBORNE, TYPE 1	1,698	SF	\$1.55	\$2,631.90	\$0.55	\$933.90	\$0.55	\$933.90
P62009(1) PAINTING, YELLOW, WATERBORNE, TYPE 1	1,720	SF	\$1.48	\$2,545.60	\$0.55	\$946.00	\$0.55	\$946.00
P62041(1) REFLECTIVE MEDIA, TYPE 1, GRADATION A	346	LB	\$0.35	\$121.10	\$0.40	\$138.40	\$0.40	\$138.40
P62050(1) OBLITERATE EXISTING MARKING	2,400	SF	\$1.45	\$3,480.00	\$1.55	\$3,720.00	\$1.55	\$3,720.00
P63001(1) SAW CUTTING BITUMINOUS PAVEMENTS	600	LF	\$2.00	\$1,200.00	\$2.75	\$1,650.00	\$1.50	\$900.00

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P63401(1) TRAFFIC CONTROL	1	LS	\$1,000.00	\$1,000.00	\$375.00	\$375.00	\$500.00	\$500.00
P64601(1) BITUMINOUS PAVEMENT JOINTS	2,255	LF	\$2.00	\$4,510.00	\$1.15	\$2,593.25	\$1.50	\$3,382.50
TOTAL ALTERNATE NO. 1				\$157,243.60		\$148,112.55		\$149,824.80
BASE BID & ALTERNATE NO. 1				\$799,440.86		\$806,883.85		\$825,177.12